Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

In the Claims:

1-9 ***(Cancel)***

10. ***(Currently Amended)*** A container for freezing, storing and thawing a biopharmaceutical material, which is receivable in a temperature control unit, said container comprising:

a container material having an exterior contact area and an interior configured to receive the biopharmaceutical material therein for freezing, storing and thawing;

said container material connectable to a support member having a handle, said support member configured to support a weight of said container material in response to said support member being connected to said container material, said support member being received on a support structure in the temperature control unit and said interior receiving the biopharmaceutical material; and

said support member being configured to support said container material within the temperature control unit to allow said contact area to ~~be exposed to~~ contact a heat transfer surface separate from said support member to allow heat transfer between said heat transfer surface and the biopharmaceutical material.

11. ***(Previously Presented)*** The container of claim 10 wherein said support member is configured to support the container within a channel of a transportation cart in response to said support member being received on a support structure of the transportation cart.

12. ***(Previously Presented)*** The container of claim 10 wherein said container material forms a biopharmaceutical container which comprises a vertical dimension greater than

a horizontal dimension in response to said biopharmaceutical container being received in an interior of the temperature control unit.

13. ***(Previously Presented)*** The container of claim 10 further comprising a port to provide fluid communication between said interior of said container material and an exterior of said container material.

14. ***(Previously Presented)*** The container of claim 10 wherein said handle is configured to allow a user to manipulate said container material holding the biopharmaceutical material.

15. ***(Previously Presented)*** The container of claim 10 wherein said support member is configured to support said container material to allow said contact area to be exposed to a contacting surface moveable relative to said container material to cause the heat transfer surface to contact said container material.

16. ***(Previously Presented)*** The container of claim 10 wherein said support member comprises at least one of a holder and a frame top to support said container material on the support structure of the temperature control unit.

17. ***(Previously Presented)*** The container of claim 10 wherein said container material comprises at least one of a flexible material and a semi-rigid material.

18. ***(Currently Amended)*** A system for freezing, storing and thawing a biopharmaceutical material, said system comprising:

a container having an exterior contact area and being configured to receive the biopharmaceutical material therein;

a support member having a handle, said support member connectable to said container and configured to be received on at least one support structure ~~of~~ within a temperature control unit, said support member configured to support a weight of said container to allow a

heat transfer surface of the temperature control unit, separate from the support member, to contact said contact area to allow heat transfer between the heat transfer surface and the biopharmaceutical material in response to said support member being connected to the container, said support member being received on the at least one support structure ~~of~~ in the temperature control unit and the biopharmaceutical material being received in said container.

19. ***(Previously Presented)*** The system of claim 18 wherein said support member is configured to support said container on at least one of a plurality of channel supports of a transportation cart and a plurality of rails of a walk-in freezer.

20. ***(Previously Presented)*** The system of claim 18 wherein said container comprises at least one aperture, said support member further comprises at least one post projecting from said support member, and wherein said at least one aperture is adapted to receive said at least one post to allow said support member to support said container.

21. ***(Previously Presented)*** The system of claim 20 wherein said support member further comprises a capture member for sandwiching said container between said capture member and said support member about said at least one post.

22. ***(Previously Presented)*** The system of claim 20 further comprising a capture member pivotally connected to said support member, wherein said capture member comprises at least one opening configured to receive said at least one post to connect said capture member, said container, and said at least one post.

23. ***(Previously Presented)*** The system of claim 18 wherein said support member is configured to support said container in the temperature control unit and in a storage unit.

24. ***(Previously Presented)*** The system of claim 23 wherein said container comprises a thickness and at least one of a receiving portion of said temperature control unit and

a receiving portion of said storage unit comprise at least one channel and said thickness is dimensioned to allow said container to be received in said at least one channel.

25. ***(Previously Presented)*** The system of claim 18 wherein said container is compressible within a width dimension of said support member.

26. **(Previously Presented)** The system of claim 18 wherein said container comprises at least one of a flexible container and a semi-rigid container.

27. ***(Currently Amended)*** A method for freezing, storing and thawing a biopharmaceutical material, the method comprising:

providing a container having an exterior contact area and an interior configured to contain the biopharmaceutical material for freezing, storing and thawing;

coupling a support member having a handle to the container, the support member being configured to support a weight of the container in response to the support member being received on a support structure of a temperature control unit and the interior receiving the biopharmaceutical material; and

~~configuring the support member to support~~ supporting the container within the temperature control unit on the support member to allow the contact area to be exposed to a heat transfer surface separate from the support member to allow heat transfer between the heat transfer surface and the biopharmaceutical material.

28. ***(Previously Presented)*** The method of claim 27 further comprising receiving the support member on a support structure of a transportation cart to allow the container to be received in a channel of the transportation cart.

29. ***(Previously Presented)*** The method of claim 27 further comprising configuring the container to allow the container to be compressed within a width dimension of the support member.

30. ***(Previously Presented)*** The method of claim 27 further comprising connecting a port to the container to provide fluid communication between the interior of the container and an exterior of the container.

31. ***(Previously Presented)*** The method of claim 27 wherein the container comprises at least one aperture configured to receive at least one post projecting from the support member.

32. ***(Previously Presented)*** The method of claim 27 further comprising forming the container of at least one of a flexible material and a semi-rigid material.